

FSP: 0012 FOLDING LEG SYSTEM

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application: 10/035,892) Examiner: Szumny, J.
First Inventor: Jensen) Art Unit: 3632
Filing date: December 24, 2001)
Attorney Docket: FSP0012)
)
)
Title: FOLDING LEG SYSTEM)
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AMENDMENT AND RESPONSE TO OFFICE ACTION

Dear Mr. Szumny,

In response to the Office Action mailed on November 5, 2002, please amend the above-referenced patent application as follows:

- Claims 1-5 are cancelled, without prejudice.
- Claims 6-9 are amended.
- New claims 11-15 are added.

6. (First Amendment) A folding leg system, comprising:

a first leg;

a first bracket mounted on a surface, the first bracket coupled to the first leg by way of a first pivot bolt such that the first leg can rotate in the first bracket between an up and a down positions;

a second leg;

a second bracket mounted on the surface, the second bracket coupled to the second leg by way of a second pivot bolt, the second bracket having a first section in which the second leg may rotate to a down position from an up position and a

second section in which the leg is prevented from rotating into the down position from the up position, the second bracket adapted so that the second leg may slide along the pivot bolt from the first to the second sections; and the first bracket mounted on the surface across from the second bracket, such that the first leg does not contact the second leg when the first and second legs are in the up position and the second leg is in the second section of the second bracket.

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Cont'd

7. (First Amendment) The system of claim 6, further comprising:

the first bracket having a first locking pin hole aligned to receive a first locking pin when the first leg is in the up position; and
the first bracket having a second locking pin hole to aligned receive the first locking pin when the first leg is in the down position.

8. (First Amendment) The system of claim 7, further comprising:

the second bracket having a third locking pin hole aligned to receive a second locking pin when the second leg is in the down position.

9. (First Amendment) A folding leg system, comprising:

a first leg;
a first bracket mounted on a surface, the first bracket coupled to the first leg by way of a first pivot bolt such that the first leg can rotate in the first bracket between an up and a down positions;
a second leg;

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a second bracket mounted on the surface, the second bracket coupled to the second leg by way of a second pivot bolt, the second bracket having a first section in which the second leg may rotate to a down position from an up position and a second section in which the leg is prevented from rotating into the down position from the up position, the second bracket adapted so that the second leg may slide along the pivot bolt from the first to the second sections;

the first bracket mounted on the surface across from the second bracket, such that the first leg does not contact the second leg when the first and second legs are in the up position and the second leg is in the second section of the second bracket;

the first bracket comprising first slots aligned to receive a shaft of a first locking device when the first leg is in the down position; and

the second bracket comprising second slots aligned to receive a shaft of a second locking device when the second leg is in the down position.

11. (New) A bracket comprising:

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at least two sides;

each side comprising a first hole aligned to receive a pivot bolt through a leg when a leg is positioned between the sides;

each side comprising a slot aligned to receive a shaft of a locking device when the leg is in a down position;

at least one side comprising a second hole aligned to receive a locking pin of the locking device when the shaft of the locking device is positioned in the slots;
and

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at least one side comprising a third hole aligned to receive the locking pin of the locking device when the shaft of the locking device is not positioned in the slots.

12. (New) The bracket of claim 11 further comprising:

a tab positioned to prevent rotation of the leg around the pivot bolt beyond a down position of the leg.

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#123
13. (New) A bracket comprising:

at least two sides each comprising a first hole aligned to receive a pivot bolt along which a leg may slide between a first and second sections of the bracket;

the first section formed such that the leg may rotate around the pivot bolt when positioned in the first section;

the second section formed such that the leg may not rotate around the pivot bolt when positioned in the second section;

a side of the first section comprising a slot aligned to receive a shaft of a locking device when the leg is rotated to a down position;

the side of the first section comprising a second hole aligned to receive a locking pin of the locking device when the shaft of the locking device is positioned in the slot; and

the side of the first section comprising a third hole aligned to receive the locking pin of the locking device when the shaft of the locking device is not positioned in the slot.

14. (New) The bracket of claim 3 further comprising:

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the second section comprising at least one tab to prevent rotation of the leg around the pivot bolt.

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cont'd

15. (New) The bracket of claim 3 further comprising:

the first section formed to prevent rotation of the leg beyond the down position.

J. Sanford
3-7-03
3/12

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each submitted paper.

11 pages of Amendment and Response to Office Action mailed 11/05/2003

Fee determination record and fee transmittal

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FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 42

Complete if Known

Application Number 10/035,892
 Filing Date December 24, 2001
 First Named Inventor Jensen
 Examiner Name Szumny
 Group Art Unit 3632
 Attorney Docket No. FSP:0015

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number 501691

Deposit Account Name

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Credit any overpayments

☐ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the approved/identified deposit account

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 740	201 370	Utility filing fee	
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
10	-20** = 0	0	0
4	-3** = 1	42	42

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 84	202 42	Independent claims in excess of 3
104 280	204 140	Multiple dependent claim, if not paid
109 84	209 42	** Reissue Independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 42

**or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity/Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
105 130	205 66	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for ex parte reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	55.00
116 400	216 200	Extension for reply within second month	
117 920	217 460	Extension for reply within third month	
118 1,440	218 720	Extension for reply within fourth month	
128 1,960	228 980	Extension for reply within fifth month	
119 320	219 160	Notice of Appeal	
120 320	220 160	Filing a brief in support of an appeal	
121 280	221 140	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,280	241 640	Petition to revive - unintentional	
142 1,280	242 640	Utility issue fee (or reissue)	
143 460	243 230	Design issue fee	
144 820	244 310	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Processing fee under 37 CFR 1.17(q)	
126 180	126 180	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 740	246 370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(b))	
179 740	279 370	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 42

SUBMITTED BY

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Signature

Date

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